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EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST

INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD: Gwinnett County

Project Name: I-85 North Express Lane Extension

City/County: Gwinnett County

Address:

Date on Plans:

Plan	Included	TO BE SHOWN ON ES&PC PLAN
Page #	Y/N	
51-009	Yes	1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.
50-001	Yes	2 Level II certification number issued by the Commission, signature and seal of the certified design professional.
50-001	Yes	3 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
50-001	Yes	4 Provide the name, address and phone number of primary permittee.
50-001	Yes	5 Note total and disturbed acreage of the project or phase under construction.
50-001	Yes	6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
50-001	Yes	7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
51-001	Yes	8 Description of the nature of construction activity.
50-001	Yes	9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
51-003	Yes	10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
50-001	Yes	11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 15 of the permit.
50-001	Yes	12 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 15 of the permit.*
50-001	Yes	13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on page 26 of permit as applicable.*
51-001	Yes	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins in accordance with part IV.A.5. within 7 days after installation."*
51-009	Yes	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
51-009	Yes	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
51-001	Yes	17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional."*
51-001	Yes	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."*
51-001	Yes	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
51-001	Yes	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
51-001	Yes	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
51-007	Yes	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.*
NA	NA	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan.*
51-007	Yes	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited.*
51-001	Yes	25 Provide BMPs for the remediation of all petroleum spills and leaks.
51-001	Yes	26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.*
51-001	Yes	27 Description of the practices that will be used to reduce the pollutants in storm water discharges.*
51-001	Yes	28 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).

Plan	Included	TO BE SHOWN ON ES&PC PLAN				
Page #	Y/N					
51-001	Yes	29 Provide complete requirements of inspections and record keeping by the primary permittee.*				
51-007	Yes	30 Provide complete requirements of sampling frequency and reporting of sampling results.*				
51-001	Yes	31 Provide complete details for retention of records as per Part IV.F. of the permit.*				
51-007	Yes	32 Description of analytical methods to be used to collect and analyze the samples from each location.*				
51-007	Yes	33 Appendix B rationale for NTU values at all outfall sampling points where applicable.*				
51-007 & 55-XX	Yes	34 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable.*				
51-001	Yes	35 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase.*				
ALL	Yes	36 Graphic scale and North arrow.				
54-XXX	Yes	37 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: <table><tr><td>Existing Contours</td><td>USGS 1" : 2000' Topographical Sheets</td></tr><tr><td>Proposed Contours</td><td>1" : 400' Centerline Profile</td></tr></table>	Existing Contours	USGS 1" : 2000' Topographical Sheets	Proposed Contours	1" : 400' Centerline Profile
Existing Contours	USGS 1" : 2000' Topographical Sheets					
Proposed Contours	1" : 400' Centerline Profile					
N/A	No	38 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org .				
51-007	Yes	39 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.*				
54-XXX	Yes	40 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.				
54-XXX	Yes	41 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.				
53-XX	Yes	42 Delineation and acreage of contributing drainage basins on the project site.				
53-XX	Yes	43 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.				
53-XX	Yes	44 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.				
51-008	Yes	45 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.				
51-001	Yes	46 Soil series for the project site and their delineation.				
54-XXX	Yes	47 The limits of disturbance for each phase of construction.				
51-002 to 51-004	Yes	48 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the plan.				
54-XXX	Yes	49 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.				
56-XX	Yes	50 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.				
51-001	Yes	51 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.				

*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A.

Effective January 1, 2016

ARCADIS

Design & Consultancy
for natural and
built assets

SCALE IN FEET

0

50

100

200

RELEASED
FOR CONSTRUCTION
06/22/2016

REVISION DATES

06/15/2016		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE: INNOVATIVE DELIVERY

ESPCP GENERAL NOTES

PROJECT: I-85 NORTH EXPRESS LANE EXTENSION
COUNTY: GWINNETT

DRAWING No.
51-011